

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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| In re Application of | : | Geoffrey F. Burns, et al. |
| | : | |
| For | : | MODULAR INTEGRATION OF AN ARRAY PROCESSOR WITHIN A SYSTEM ON CHIP |
| Serial No. | : | 10/538,369 |
| | : | |
| Filed | : | June 13, 2005 |
| | : | |
| Art Unit | : | 2419 |
| | : | |
| Examiner | : | Andrew Jacob Petranek |
| | : | |
| Att. Docket | : | US02 0543 US |
| | : | |
| Confirmation No. | : | 6028 |

AMENDMENT UNDER 37 C.F.R § 1.111

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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| Customer No. 65913 |
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Sir:

In response to the Office Action mailed October January 6, 2009, Applicant respectfully submits the following amendments for form, and respectfully requests favorable action for the reasons Applicant respectfully presents at the Remarks section of this paper.

CLAIM AMENDMENTS begin at page **2** of this paper.

REMARKS begin at page **9** of this paper.